



# Certificate of Analysis

## Integrin alpha V beta 8 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P700763
Batch No.:	406483
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	P43406 (F31-V988)&Q0VBD0 (G22-S679)
Gene ID:	16410&320910
Molecular Weight:	80-140 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Mouse ITGAV&ITGB8, His Tag at 5 μg/mL (100 μl/Well) on the plate. Dose response curve for Biotinylated Human Latent TGF beta 1, His Tag with the EC <sub>50</sub> of ≤3 μg/mL determined by ELISA.	2.8 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.	
Shipping	Room temperature in continental US; may vary elsewhere.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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